

Notice No. 2

Rules and Regulations for the Classification of Naval Ships, January 2014

The status of this Rule set is amended as shown and is now to be read in conjunction with this and prior Notices. Any corrigenda included in the Notice are effective immediately.

Issue date: July 2014

Amendments to	Effective date
Volume 1, Part 1, Chapter 3, Section 13	1 July 2014

Volume 1, Part 1, Chapter 3

Periodical Survey Regulations

Effective Date 1 July 2014

■ Section 13

Screwshafts, tube shafts and propellers

13.2 Normal surveys

13.2.2 Directional propeller and podded propulsion units are to be ~~dismantled for examination of~~ generally examined so far as possible, including the propellers, shafts, gearing, ~~and control gear and electrical gear~~ primary electrical components, inclusive of control and protection devices. When and where access panels or plugs avail themselves and units integrity not compromised by leakage if unit afloat, then these should be opened to allow inspection.

13.2.3 Water Jet Units are to be ~~dismantled for examination of~~ generally examined so far as possible, including the impeller, casing, shaft, shaft seal, shaft bearing, inlet and outlet channels, steering nozzle, reversing arrangements, and control gear. Consideration should be given to performance and operational data of unit when assessing its efficiency for further service. Any available inspection panels or plugs should be utilised as considered necessary in this general examination of subject item.

13.2.4 Dynamic positioning and/or thruster-assisted mooring and athwartship thrust propellers are to be generally examined so far as is possible in dry dock ~~and tested under working conditions afloat for satisfactory operation.~~ All accessible parts, including sealing, locking and bearing faces and any other moving parts should be examined. Non-destructive examination should be carried out as considered necessary by the surveyor on blade/fin roots. Consideration may be given to appropriate condition monitoring scheme data for determining the condition of the unit whilst in afloat condition.

13.2.5 Podded propulsion unit screwshaft roller bearings are to be renewed when the residual calculated life at the maximum continuous rating at time of survey, no longer exceeds the survey interval. See Vol 2, Pt 4, Ch 4,6.3.8.

13.2.6 On completion of the survey, directional propeller and podded propulsion units, water jet units, dynamic positioning and/or thruster-assisted mooring systems and athwartship thrust propellers are to be tested under working conditions afloat for satisfactory operation.

13.2.7 Stationary supporting structure and any erosion protection inserts or doublers should be examined in way of any propulsion devices.

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